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AND 794, OF THE	ATES, WITHIN THE MEANING OF TITLE U.S. CODE, AS AMENDED. ITS TRANS NTENTS TO OR RECEIPT BY AN UNAUTH	28, SECTIONS 793 MISSION OR REVE- ORIZED PERSON IS	/ALUATED INFORMA	TION	

- 25X1 1. In the last quarter of 1951, Kugellagerwerk Erkner received 82 tons of tall bearing steel (quality 100) from the Maxhuette Unterwellenborn and produced 51.3 tons of bearings. These bearings included rollers weighing up to 18 kgs. each, for shaft diameters varying between 6 and 180 mm.

  These roller bearings, designed for conveyor systems were delivered to: SAG Bleichert & Co., Leipzig; Lauchhammerwerke, Lauchhamer; SAG Makenson, Magdeburg; SAG Buckau-Wolf, Magdeburg. Other bearings both of ball and roller type included needle bearings for shaft diameters of 15 to 60 mm. with a needle thickness of 2 to 5 mm. This material was destined for machine tool factories, motor vehicle plants and the electrical industry.
  - 2. Plans for the expansion of the Erkner plant call for the rebuilding of the workshop destroyed by the Russians at the end of the war. Supplies of building materials for this project arrived in Fabruary 1952. The workshop concerned is situated near to the rail yard about 800 m. from the main read from Erkner to Berlin.
  - 3. Fourteen special machines for the production of bearings were received at Erkner by the beginning of March. This equipment was supplied by Pittler Werkzeugmaschinenfabrik, Leipzig, and was intended to enable the concern to begin production of special bearings, according to plans which existed when the factory was in the hands of the Fischer concern. This new production includes:\*
    - a. Ball bearings: ring-groved ball bearings, single and double bank for radial and axial load; ring pendulum bearings, single and double bank for radial load; disc-grooved ball bearings for axial load; ring collar bearings for small electric motors.

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-2-

- b. Roller bearings: ring barrel bearings for the same use as the ring parallum bearings but with a greater load capacity; ring cylinder bearings for heavy load in radial direction; ring conical bearings for heavy loads in both radial and axial directions, especially suitable for machine tool and motor vehicle construction; disc barrel bearings for high strains at low speeds.
- 4. Fifty-six tons of chromium alloy steel have arrived in Erkner from Unterwellenborn for the production of these new-type bearings. The cages for the bearings are being made of die castings or plastics.
- 5. In February 1952, production was begun at Erkner on the following:
  - a. Precision steel rolls, types "N" and "W". The "N" rolls are in diameters and lengths from 5 to 40 mm. The "W" rolls have diameters from 8 to 40 mm. and lengths 8 to 65 mm. The production of the above is in series.
  - b. Precision steel balls. These are being made according to English dimensions from 1/16" to 2". The above production is based on standards already set up by the former Fischer concern.
- 6. On 1 February, 1952, a total of 204 persons was employed in the ball bearing factory at Erkner.

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